

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : D. Amnon Silverstein Art Unit : 2612
Serial No. : 09/484,667 Examiner : Rosendale, Matthew L.
Filed : Jan. 18, 2000
Title : POINTING DEVICE FOR DIGITAL CAMERA DISPLAY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

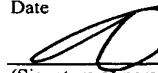
EXHIBIT D

CERTIFICATE OF MAILING

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January 13, 2004

Date



(Signature of person mailing papers)

Edouard Garcia

(Typed or printed name of person mailing papers)

Capybara

A viewfinder camera testbed

Amnon Silverstein, Ada Chan, Chetan Nandakumar

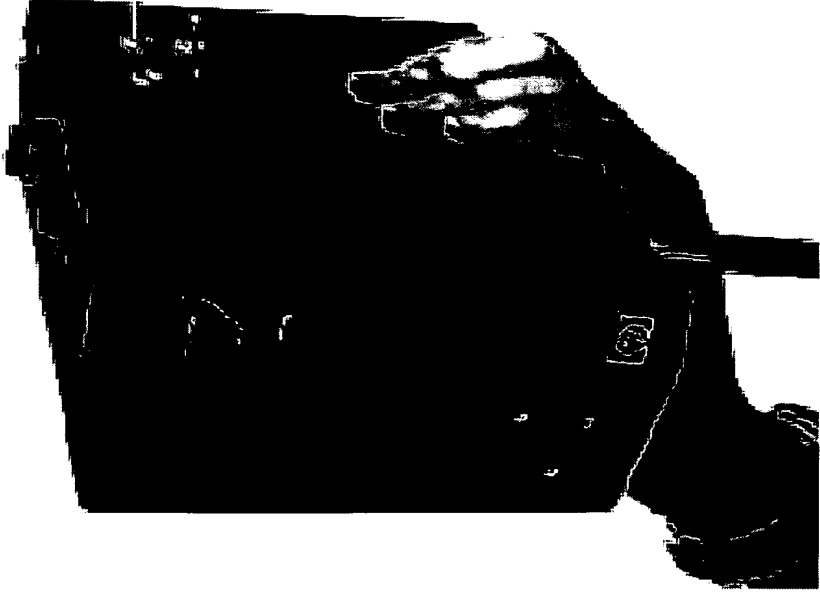


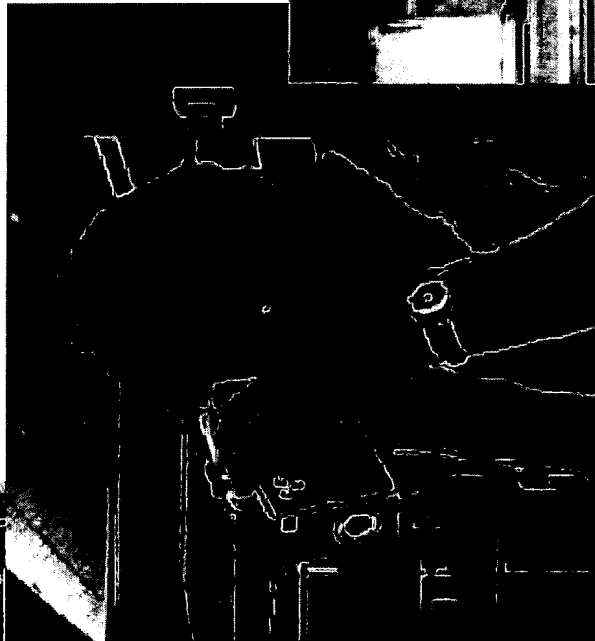
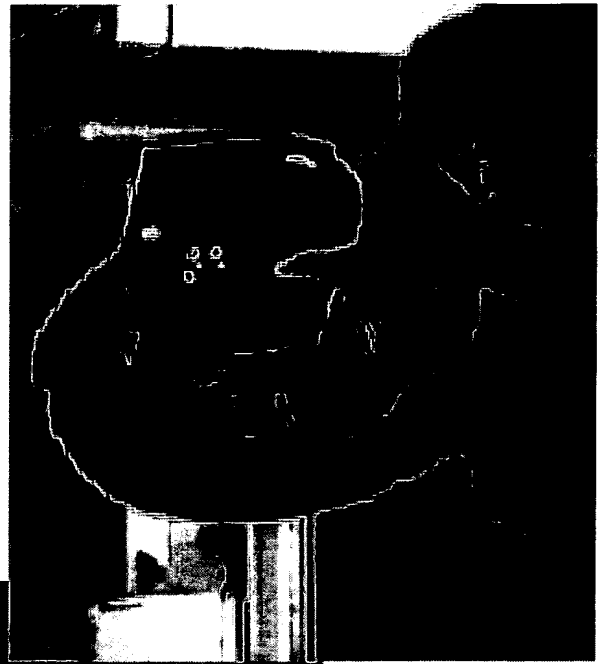
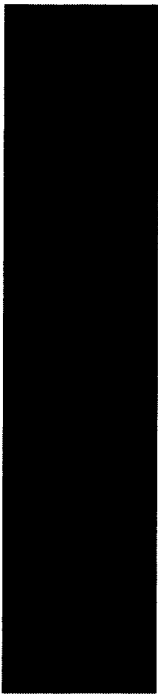
Capybara Team

Amnon Silverstein (ITD) Software Leader
Chetan Nandakumar (SEED) Software Development
Ada Chan (SEED) Software Development
Joyce Farrell (ITD) Project Manager

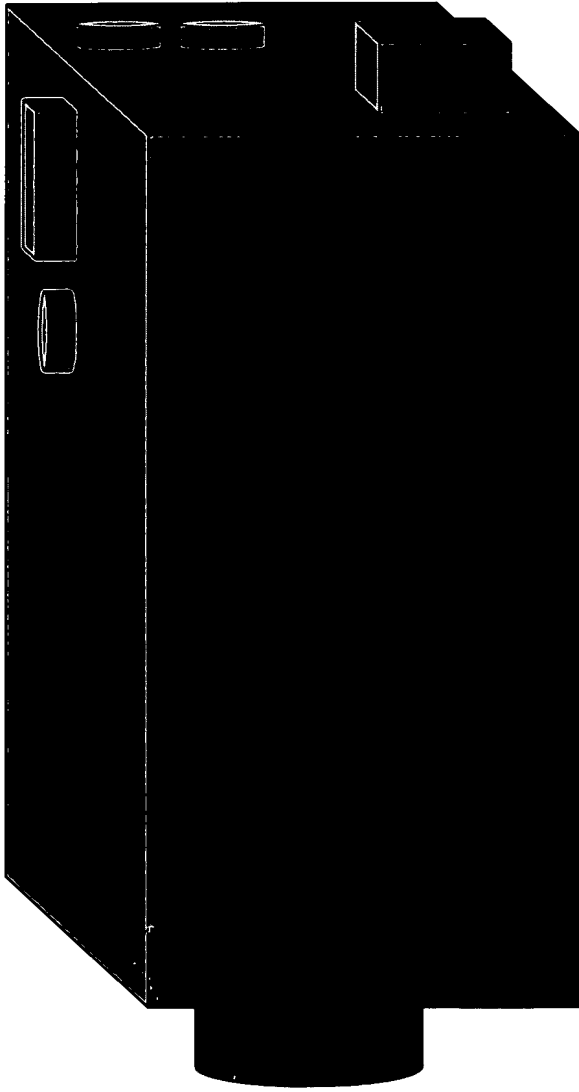
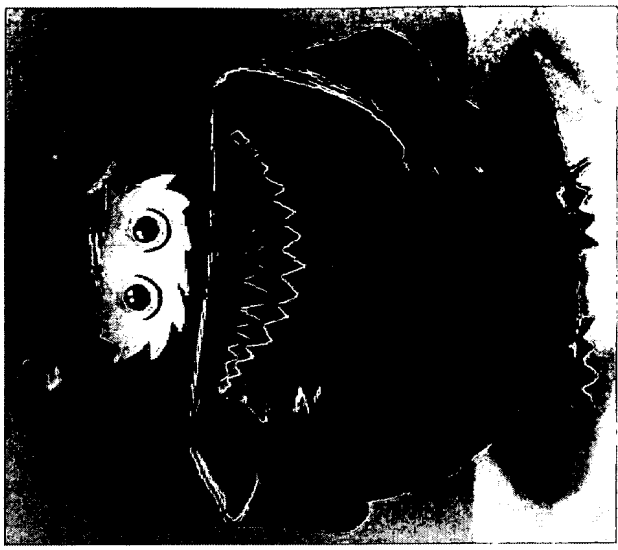
With help from:

Heather Bean (HID) Hardware Specialist
Neela Gaddis(CORL) Microdisplay Leader
Ken Nishimura(CORL) Microdisplay Hardware
Pierre Mertz (CORL) Microdisplay Hardware
Andy Patti (ITD) CAST Software
Yucel Altunbasak (ITD) CAST Software
Bob Gann (Greely) CAST Configuration
Susie Wee (VCD) Image Capture Software
Dan Tretter (ITD) Imaging Software
Xuemei Zhang (ITD) C++ Programming
Barry Bronson (HPL) Design Concept Advice

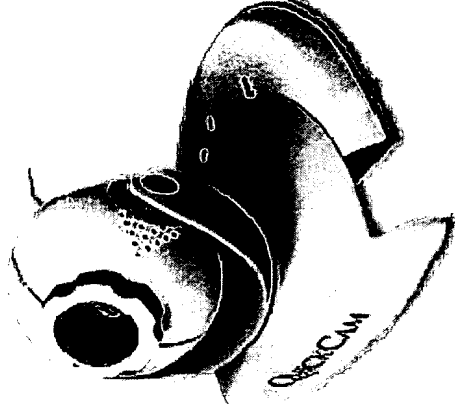
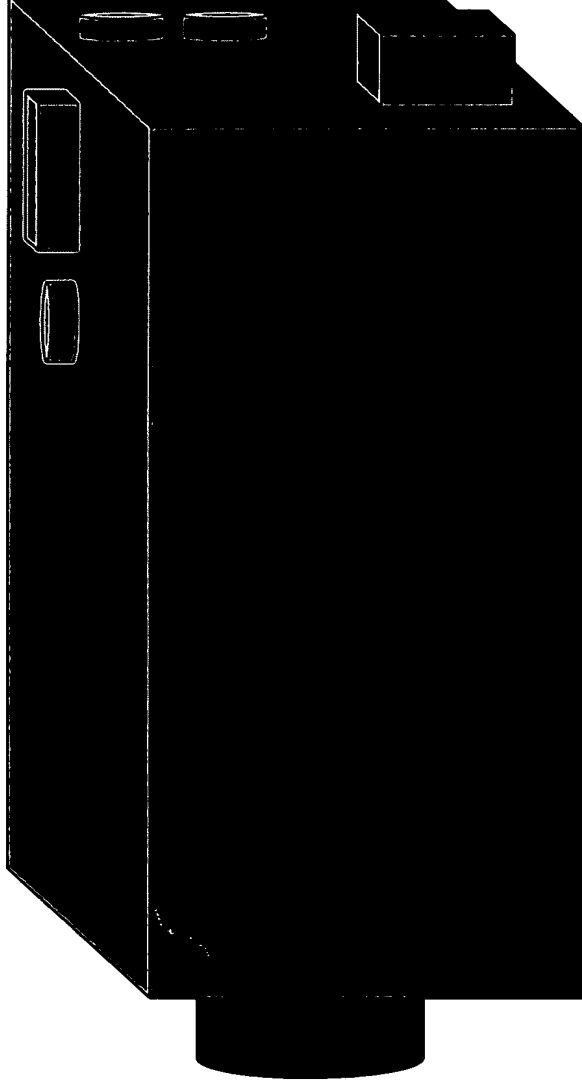




Key Features

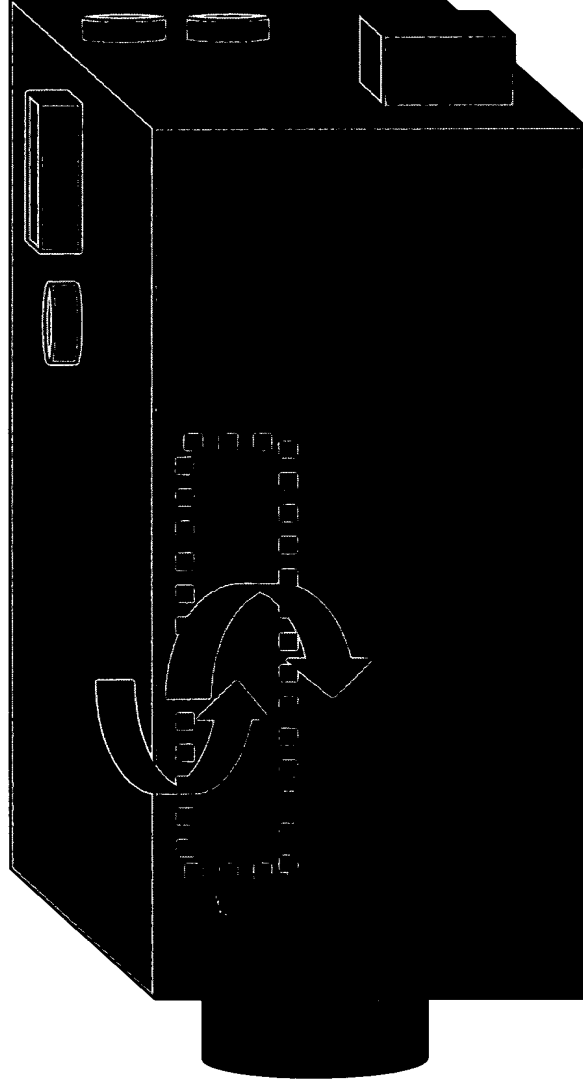


Key Features

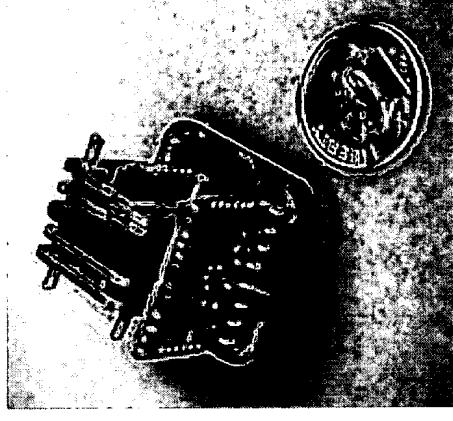


Camera sensor
is just a QuickCam

Key Features



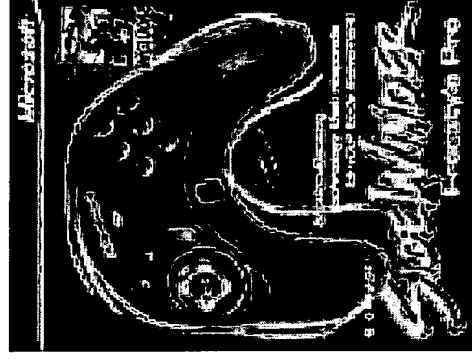
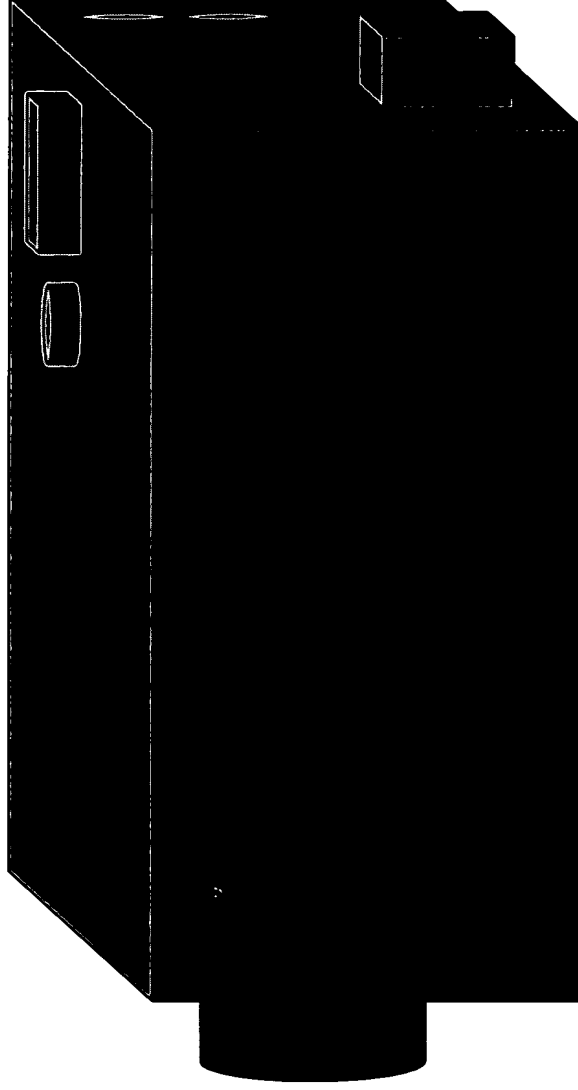
Micro-gyro sensor



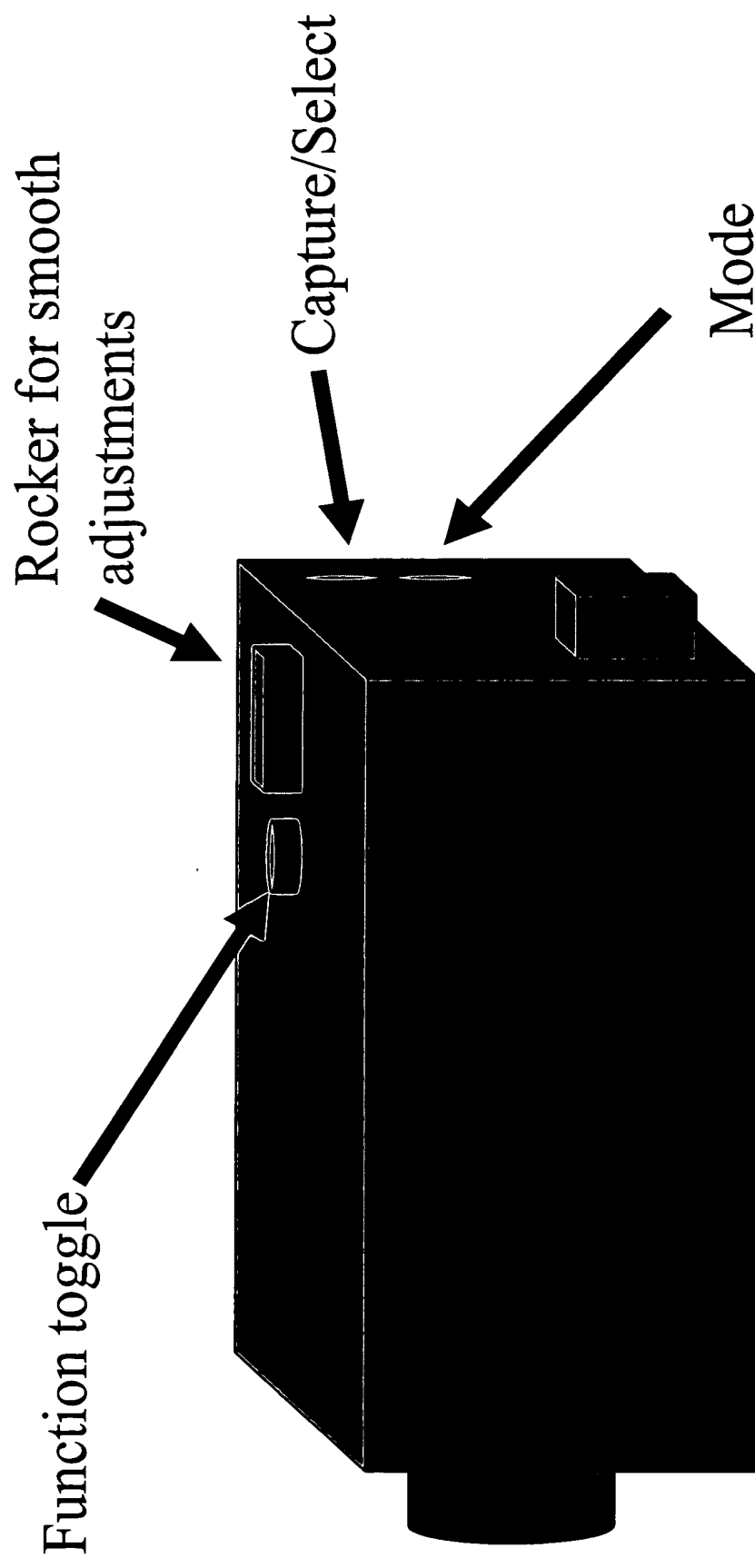
**Gyratron
Microgyro**

Key Features

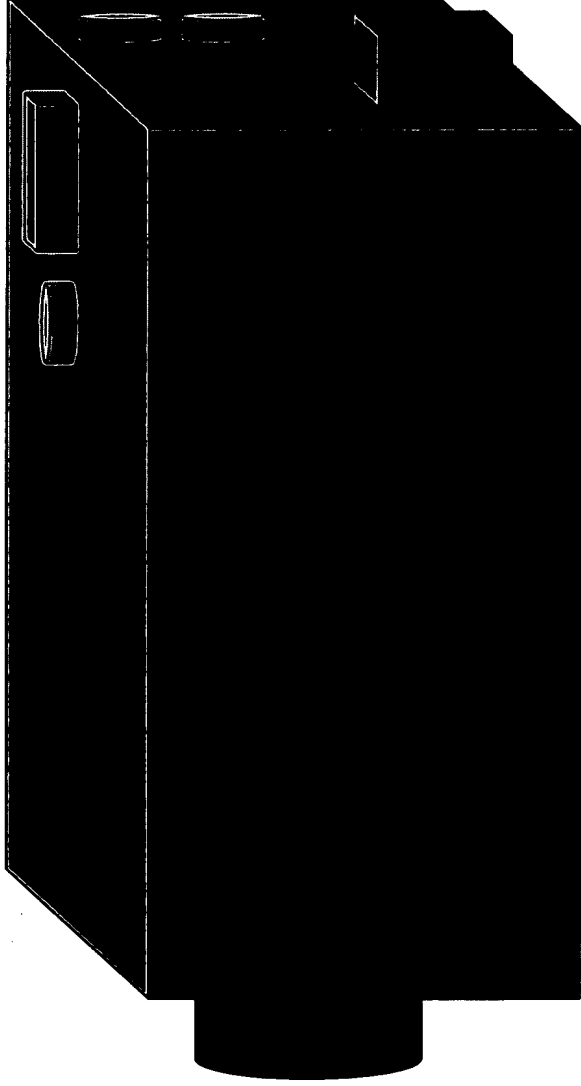
Pushbutton user interface



Key Features



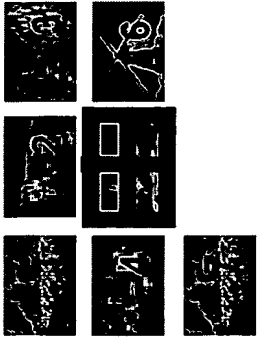
Key Features



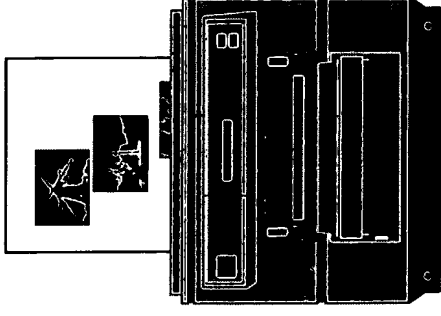
Microdisplay:

Much higher
resolution and
image quality
than a camcorder
display

Motion based UI

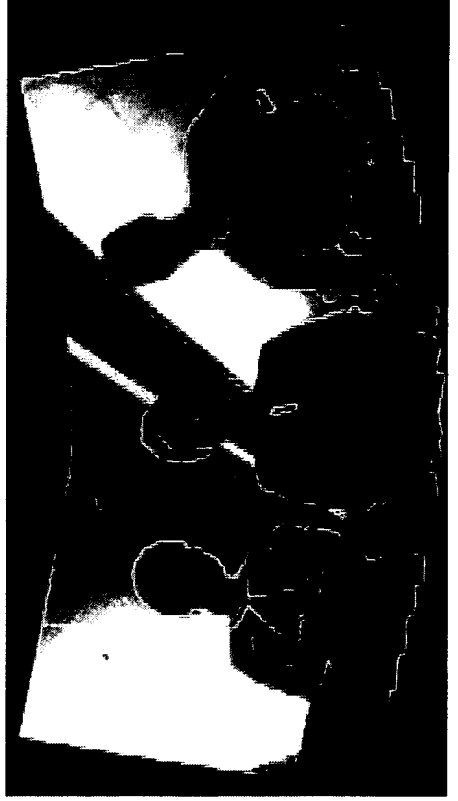


On board editing
and printing

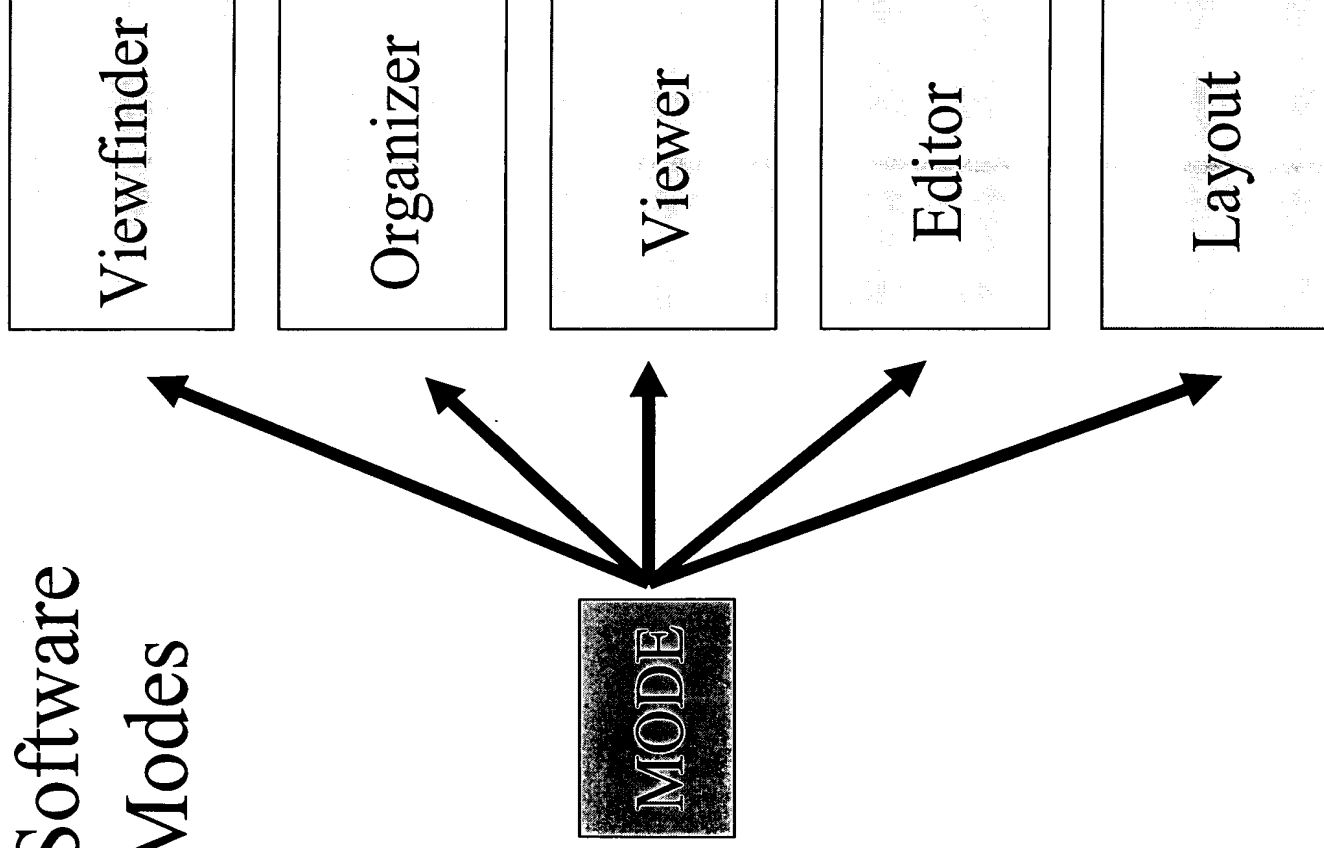


What's New?

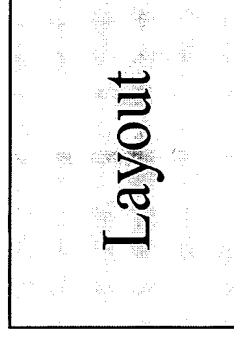
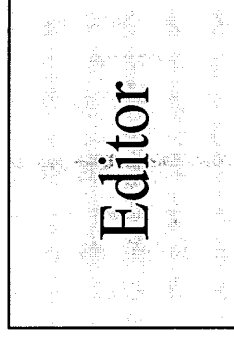
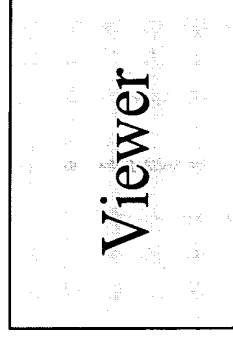
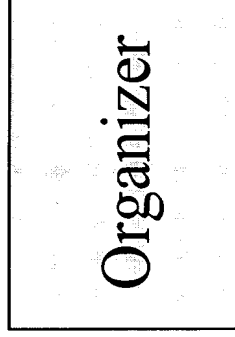
Panoramic capture
and review



Software Modes



Software Modes



- Closed circuit video
- Capture with SELECT
- Framing and status
- Zoom with ROCKER

Software Modes

Viewfinder



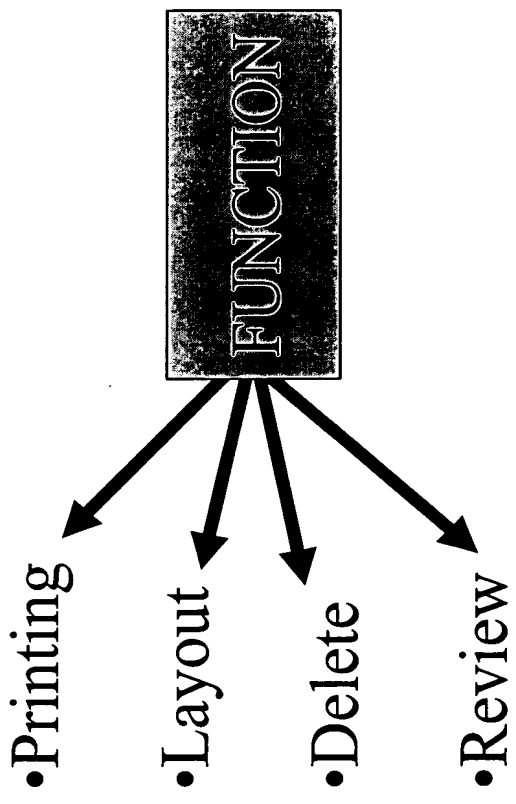
Viewer

Editor

Layout

•Thumbnail SELECT

•Function key chooses:



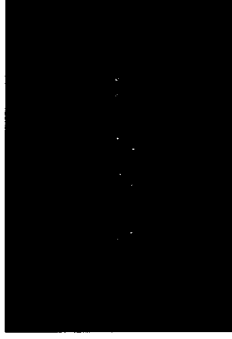
•Multi pages

•Albums

Software Modes

Viewfinder

Organizer



Editor

Layout

- Panoramic tracking

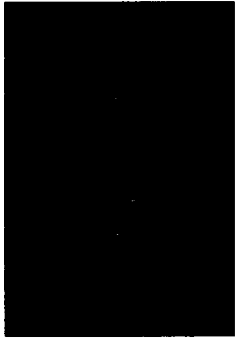
- Zoom ROCKER

Software
Modes

Viewfinder

Organizer

Viewer



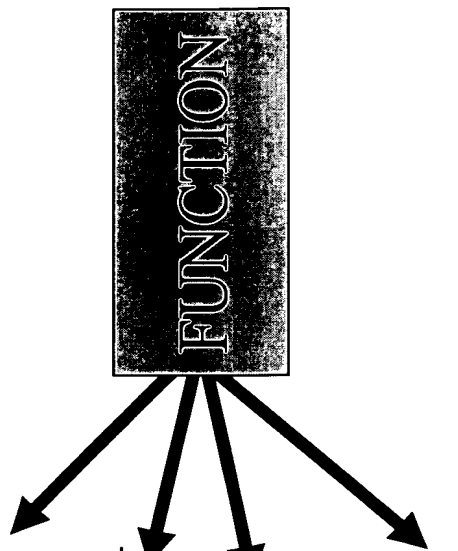
Layout

•Crop

•Color adjust

•Brightness

•Contrast



Software Modes

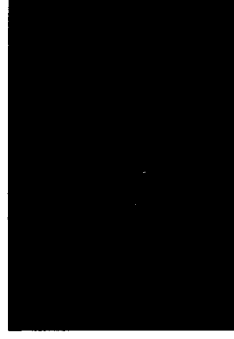
Viewfinder

- SELECT layout
- SELECT the images
- Print

Organizer

Viewer

Editor



A New Camera Use Model

- Capture, store, index and review images with the camera
- Edit images with the camera
- Print directly from the camera

This is all possible because the new camera has high display quality and a motion sensor which allows an easy user interface.